

[Name of Document] Abstract of the Disclosure

[Abstract]

[Object of the Invention]

5 The object of the present invention is to provide a magneto-optical device capable of carrying out recording and reading operations including erasing through magnetic heads. This device may also used in a polarizer, and in a display device for visually displaying picture images by applying a magnetic field and illuminating light.

[Means for Solving the Problems]

10 A magneto-optical device of the present invention includes a substrate which is transparent in the visible spectral region and a plurality of thin layers of ferromagnetic material disposed thereon, each of the thin layers preferably having a width of from 5 to 100 nanometers and a thickness of from 0.1 to 5 microns, and being parallel with one
15 another with a spacing of from 0.2 to 2 microns. The thin layers of ferromagnetic material are disposed preferably on the side wall portions of a plurality of concave grooves formed parallel with one another on the transparent substrate.

[Selected Drawing]

20 FIG. 1.